

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator: File 4* SQL File 5* SQL File 6* SQL File 8* SQL File 10* SQL File 11* SQL File 9* SQL File 10* x SQL File 11* SQL File 12* SQLAdditions

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs

Administration Schemas

Information

No object selected

Result Grid

regno	sname	major	bdate
1pe11cs001	a	jr	1993-09-22
1pe11cs002	b	sr	1993-09-24
1pe11cs003	c	sr	1993-11-27
1pe11cs004	d	sr	1993-04-13
1pe11cs005	e	jr	1994-08-24

student 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
10	09:48:24	INSERT INTO student (regno,sname,major,bdate) VALUES ('1pe11cs001','a','jr','199309...	1 row(s) affected	0.094 sec
11	09:48:31	INSERT INTO course VALUES (111,'OS','CSE'), (112,'EC','CSE'), (113,'SS','ISE), (...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.188 sec
12	09:48:39	INSERT INTO text VALUES (10,'DATABASE SYSTEMS','PEARSON','SCHIELD), (9...	8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0	0.109 sec
13	09:52:14	INSERT INTO enroll (regno,courseno,sem,marks) VALUES ('1pe11cs001',115,3,100), ('1...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.234 sec
14	09:52:21	INSERT INTO book_adoption (courseno,sem,book_isbn) VALUES (111,5,900), (111,5,903)...	8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0	0.469 sec
15	09:52:30	select * from student LIMIT 0, 1000	5 row(s) returned	0.047 sec / 0.000 sec

Object Info Session

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Context Help Snippets

Type here to search

09:52 26-06-2021

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Administration Schemas

Information: No object selected

SQL File 10* x

```
77 (112,3,901),
78 (113,3,10),
79 (114,5,905),
80 (113,5,902),
81 (115,3,906);
82
83 • select * from student;
84 • select * from course;
85 • select * from enroll;
```

Result Grid

	courseno	cname	dept
▶	111	OS	CSE
	112	EC	CSE
	113	SS	ISE
	114	DBMS	CSE
	115	SIGNALS	ECE

course 2 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 11	09:48:31	INSERT INTO course VALUES (111,'OS','CSE'), (112,'EC','CSE'), (113,'SS','ISE'), (...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.188 sec
✓ 12	09:48:39	INSERT INTO text VALUES (10,'DATABASE SYSTEMS','PEARSON','SCHIELD'), (9...	8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0	0.109 sec
✓ 13	09:52:14	INSERT INTO enroll (regno,courseno,sem,marks) VALUES ('1pe11cs001',115,3,100), ('1...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.234 sec
✓ 14	09:52:21	INSERT INTO book_adoption (courseno,sem,book_isbn) VALUES (111,5,900), (111,5,903)...	8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0	0.469 sec
✓ 15	09:52:30	select * from student LIMIT 0, 1000	5 row(s) returned	0.047 sec / 0.000 sec
✓ 16	09:54:04	select * from course LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

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Context Help Snippets

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09:54 26-06-2021

MySQL Workbench

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Information: No object selected

SQL File 10* x

```
83 • select * from student;
84 • select * from course;
85 • select * from enroll;
86 • select * from book_adoption;
87 • select * from text;
88
89 /*4. Produce a list of text books (include Course #, Book-ISBN, Book-title) in the alphabetical order for courses of
90
91
```

Result Grid

regno	courseno	sem	marks
1pe11cs001	115	3	100
1pe11cs002	114	5	100
1pe11cs003	113	5	100
1pe11cs004	111	5	100
1pe11cs005	112	3	100

enroll 3 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
12	09:48:39	INSERT INTO text VALUES (10,'DATABASE SYSTEMS','PEARSON','SCHIELD'), (9...	8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0	0.109 sec
13	09:52:14	INSERT INTO enroll (regno,courseno,sem,marks) VALUES ('1pe11cs001',115,3,100), ('1...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.234 sec
14	09:52:21	INSERT INTO book_adoption (courseno,sem,book_isbn) VALUES (111,5,900), (111,5,903)...	8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0	0.469 sec
15	09:52:30	select * from student LIMIT 0, 1000	5 row(s) returned	0.047 sec / 0.000 sec
16	09:54:04	select * from course LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
17	09:55:29	select * from enroll LIMIT 0, 1000	5 row(s) returned	0.031 sec / 0.000 sec

Object Info Session

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Information: No object selected

SQL File 10* x

```
83 • select * from student;
84 • select * from course;
85 • select * from enroll;
86 • select * from book_adoption;
87 • select * from text;
88
89 /*4. Produce a list of text books (include Course #, Book-ISBN, Book-title) in the alphabetical order for courses of
90
91
```

Result Grid

	courseno	sem	book_isbn
▶	111	5	900
	111	5	903
	111	5	904
	112	3	901
	113	3	10

book_adoption 4 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 13	09:52:14	INSERT INTO enroll (regno,courseno,sem,marks) VALUES ('1pe11cs001',115,3,100), ('1...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.234 sec
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✓ 16	09:54:04	select * from course LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓ 17	09:55:29	select * from enroll LIMIT 0, 1000	5 row(s) returned	0.031 sec / 0.000 sec
✓ 18	09:59:05	select * from book_adoption LIMIT 0, 1000	8 row(s) returned	0.031 sec / 0.000 sec

Object Info Session

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SQL File 10* x

```
83 • select * from student;
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85 • select * from enroll;
86 • select * from book_adoption;
87 • select * from text;
88
89 /*4. Produce a list of text books (include Course #, Book-ISBN, Book-title) in the alphabetical order for courses of
90
91
```

Result Grid

book_isbn	book_title	publisher	author
10	DATABASE SYSTEMS	PEARSON	SCHILD
900	OPERATING SYS	PEARSON	LELAND
901	CIRCUITS	HALL INDIA	BOB
902	SYSTEM SOFTWARE	PETERSON	JACOB
903	SCHEDULING	PEARSON	PATIL

text 5 x Apply Revert Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
14	09:52:21	INSERT INTO book_adoption (courseno,sem,book_isbn) VALUES (111,5,900), (111,5,903)...	8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0	0.469 sec
15	09:52:30	select * from student LIMIT 0, 1000	5 row(s) returned	0.047 sec / 0.000 sec
16	09:54:04	select * from course LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
17	09:55:29	select * from enroll LIMIT 0, 1000	5 row(s) returned	0.031 sec / 0.000 sec
18	09:59:05	select * from book_adoption LIMIT 0, 1000	8 row(s) returned	0.031 sec / 0.000 sec
19	09:59:46	select * from text LIMIT 0, 1000	8 row(s) returned	0.032 sec / 0.000 sec

Object Info Session

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Administration Schemas

Information: No object selected

SQL File 10* x

```
86 • select * from book_adoption;
87 • select * from text;
88
89 /*4. Produce a list of text books (include Course #, Book-ISBN, Book-title) in the alphabetical order for courses of
90
91
92 • SELECT c.courseno,t.book_isbn,t.book_title
93 FROM course c,book_adoption ba,text t
94 WHERE c.courseno=ba.courseno
```

Result Grid

	courseno	book_isbn	book_title
▶	111	904	DATABASE SYSTEMS
	111	900	OPERATING SYS
	111	903	SCHEDULING

Result 6 x Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 15	09:52:30	select * from student LIMIT 0, 1000	5 row(s) returned	0.047 sec / 0.000 sec
✓ 16	09:54:04	select * from course LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓ 17	09:55:29	select * from enroll LIMIT 0, 1000	5 row(s) returned	0.031 sec / 0.000 sec
✓ 18	09:59:05	select * from book_adoption LIMIT 0, 1000	8 row(s) returned	0.031 sec / 0.000 sec
✓ 19	09:59:46	select * from text LIMIT 0, 1000	8 row(s) returned	0.032 sec / 0.000 sec
✓ 20	10:02:35	SELECT c.courseno,t.book_isbn,t.book_title FROM course c,book_adoption ba,text t WHE...	3 row(s) returned	0.078 sec / 0.000 sec

Object Info Session

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Context Help Snippets

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10:02 26-06-2021

MySQL Workbench

Local instance MySQL80 x

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Administration Schemas

Information: No object selected

SQL File 10* x

Limit to 1000 rows

```
/*5. List any department that has all its adopted books published by a specific publisher.*/  
  
SELECT DISTINCT c.dept  
FROM course c  
WHERE c.dept IN  
( SELECT c.dept  
FROM course c,book_adoption b,text t
```

Result Grid

dept
ECE

course 7 x Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
16	09:54:04	select * from course LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
17	09:55:29	select * from enroll LIMIT 0, 1000	5 row(s) returned	0.031 sec / 0.000 sec
18	09:59:05	select * from book_adoption LIMIT 0, 1000	8 row(s) returned	0.031 sec / 0.000 sec
19	09:59:46	select * from text LIMIT 0, 1000	8 row(s) returned	0.032 sec / 0.000 sec
20	10:02:35	SELECT c.courseno,t.book_isbn,t.book_title FROM course c,book_adoption ba,text t WHE...	3 row(s) returned	0.078 sec / 0.000 sec
21	10:03:25	SELECT DISTINCT c.dept FROM course c WHERE c.dept IN (SELECT c.dept FRO...	1 row(s) returned	0.078 sec / 0.000 sec

Object Info Session

SQLAdditions

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Context Help Snippets

Type here to search

10:03 26-06-2021